NOTES AND NEWS

EDITED BY E. J. MOULTON, Northwestern University, Evanston, Illinois.

The editor will appreciate the coöperation of readers in reporting news to him concerning teachers of collegiate mathematics and others interested in advanced mathematics.

Dr. H. A. KINGSTON has been promoted to an assistant professorship of mathematics and astronomy at the University of Manitoba.

Professor H. M. SHOWMAN, of the Colorado School of Mines, is studying at Harvard University as Shattuck Scholar, holding also an appointment as lecturer on physics.

Assistant Professor L. A. H. WARREN has been appointed acting professor of mathematics and astronomy at the University of Manitoba, in the absence of Professor N. B. MacLEAN, who is major in the Canadian artillery service in France.

Professor CLYDE S. ATCHISON, of Washington and Jefferson College, has returned to his college work after spending the summer as cost accountant and auditor in the service of the U. S. Shipping Board at Bath, Maine.

Dr. ARTEMAS MARTIN, computer in the Division of Tides in the U. S. Coast and Geodetic Survey, a charter member of the Association, and well known mathematician, died in Washington City on November 7, in the eighty-fourth year of his life. Until fifty years of age, he devoted his time to wood-chopping, oil-well drilling, farming and teaching (four winters), his leisure time being spent in mathematical study. In 1878 he began the publication of the *Mathematical Visitor*, of which the last number, volume 2, number 4, dated January, 1894, appeared in October, 1895. This periodical was followed, in 1882, by the *Mathematical Magazine* which continued at irregular intervals to volume 2, number 12, part 2, September, 1910. Dr. Martin was not a college graduate but his mathematical attainments secured for him honorary academic distinction. Yale conferred an honorary A.M. upon him in 1877, Rutgers granted him the Ph.D. in 1882, and Hillsdale College the LL.D. in 1885. Dr. Martin possessed one of the finest private collections of mathematical books in America; this collection was given to the American University, shortly before his death, to found the Artemas Martin Library. He also endowed the Artemas Martin Lectureship in mathematics and physics at the same university.

Lieutenant W. L. HART of the Coast Artillery has been advanced to the rank of major and is serving in France.

Dr. C. H. YEATON has been appointed instructor in mathematics at the University of Minnesota.

Dr. M. G. Gaba, of Cornell University, has been appointed associate professor of mathematics at the University of Nebraska.

At the University of Saskatchewan, Assistant Professor L. L. Dines has been promoted to a full professorship of mathematics.

Lieutenant T. R. Hollcroft has been released from the teaching staff of the school of artillery at Camp Taylor, and has resumed the duties of his professorship of mathematics at Wells College. During his absence the position was filled by Mrs. Hollcroft.

At the University of Missouri, Mr. F. Duncan, Miss Z. Ferguson, and Mr. A. Grossman have been appointed instructors in mathematics.

Professor E. R. Hedrick, of the University of Missouri, has recently sailed for France, where he is to take charge of mathematical work for American soldiers in the Y. M. C. A. educational system.

At the University of Illinois, Dr. Elizabeth B. Grennan and Dr. Josephine Glasgow have been appointed instructors in mathematics and Mr. L. E. Yaeger assistant in mathematics. Mr. C. H. Richardson, assistant in mathematics, has been appointed professor of mathematics in Georgetown College, Kentucky.

At Cornell University, Mrs. D. Naylor, Mrs. Helen B. Owens, and Mr. H. L. Smith have been appointed instructors in mathematics. Instructor E. P. Fraleigh resigned to engage in the ordnance work at the Aberdeen Proving Ground. Seven members of the faculty were temporarily transferred from other departments to assist in the mathematical instruction last autumn.

Mr. H. W. Powell, tutor in mathematics in the College of the City of New York, died July 23, 1918.

Professor H. G. Keppel, head of the department of mathematics in the University of Florida, died October 5, at the age of fifty-two years. Dr. T. M. Simpson, of the University of Wisconsin, has been appointed his successor as professor and head of the department.

Col. E. W. Bass, professor of mathematics at West Point from 1878 to 1898, died November 6 at the age of seventy-six years.

Dr. R. M. Winger, of the University of Oregon, has been appointed professor of mathematics at the University of Washington.

Dr. A. H. Norton, professor of mathematics at Elmira College, has returned from a year's work in the Y. M. C. A. with the American Army in France.

In *The Scientific Monthly* we read of the death of the astronomer A. N. SKIN-NER, professor of mathematics in the U. S. Navy from 1898 to the time of his retirement from active service, with rank of Commander U. S. N., in 1907.

Professor C. CARATHÉODORY, of the University of Göttingen, has been appointed professor of mathematics at the University of Berlin, as successor to the late Professor G. FROBENIUS.

The Rev. Dr. G. M. SEARLE, superior general of the Paulist Fathers from 1904 to 1909, and previously professor of mathematics and director of the astronomical observatory of the Catholic University at Washington, died on July 8, 1918 at the age of 79 years.

Mr. ARTHUR RAMSEY, of the department of mathematics in Grove City College has been promoted to an assistant professorship.

Mr. J. W. BALDWIN, who has been an instructor in mathematics in Michigan State Normal College, has been appointed to a like position in Detroit Junior College.

Professor OTTO HÖLDER has been chosen rector of the University of Leipsic.

Mr. HERMAN BETZ, formerly of the University of Michigan, instructed S. A. T. C. classes at Hobart College, after having served in the ordnance department of the army.

Professor H. L. SLOBIN, of the University of Minnesota, was engaged in Jewish welfare work in the various army camps of the United States.

Dr. GUY W. SMITH, of Beloit College, has been appointed instructor in mathematics at the University of Kentucky.

Professor OTTO STAUDE, of the University of Rostock, has been chosen rector of the University for the year 1918–19.

Professor F. B. WILLIAMS has returned to his work in Clark University after a year spent in Y. M. C. A. work in France.

Among a party of college and university men taking the officers' course in coast artillery at Fort Monroe the past summer were the following members of the Association: Professor J. J. LUCK, of the University of Virginia, H. B. PHIL-LIPS, of the Massachusetts Institute of Technology and D. T. WILSON, of Case School of Applied Science.

Professor D. E. SMITH, of Columbia University, was one of the two principal speakers at the annual meeting of the Association of Teachers of Mathematics

in New England, held in Boston, December 7, 1918. At this meeting Professor W. R. RANSOM, of Tufts College, was elected President of the Association. On February 7–8, Professor Smith addressed the Association of Teachers of Secondary Mathematics of North Carolina in Greensboro, N. C. He is to speak before the Rhode Island Circle of Mathematics Teachers at Providence, R. I., March 15.

At the recent election Professor D. A. ROTHROCK, of Indiana University, was elected a member of the State Legislature. He is relieved of duties at the University during the legislative session beginning in January.

The following deaths are announced: Professor E. R. NEOVIUS, of the University of Helsingfors, on September 26, 1917, at the age of sixty-seven years; Professor J. H. GRAF, of the University of Bern, at the age of sixty-six years; Professor C. STEPHANOS, of the University of Athens, at the age of sixty years; and Dr. O. REICHEL, professor of mathematics at the Landwirtschaftliche Hochschule, Berlin, at the age of eighty-three years.

Professor MAX NOETHER, of the University of Erlangen, who is now seventy-five years of age, was relieved from lecturing after April 1, 1918.

Professor A. v. BRILL, of the University of Tübingen is also about to retire after fifty-one years of teaching.

The University of Frankfort has recently conferred the degree of honorary doctor on Professor L. KÖNIGSBERGER, of the University of Heidelberg, who was characterized as "the highly deserving and many sided investigator, the brilliant and model teacher, the intelligent interpreter of the scientific life-work of Helmholtz and Jacobi."

Dr. G. M. GREEN, instructor in mathematics at Harvard University, and one of the most promising young geometers of the country, died at Cambridge on January 25, in the twenty-ninth year of his age. He graduated from College of the City of New York, B.Sc. 1911, Columbia University, M.A. 1912, Ph.D. 1913. His thesis was entitled *Projective differential geometry of triple systems of surfaces* (Lancaster, Pa., 1913, 28 pp.). His mathematical papers appeared in: *Transactions of the American Mathematical Society*, 1914–17; *Bulletin of the American Mathematical Society*, 1917–18; *Annals of Mathematics*, 1918; and *Proceedings of the National Academy of Sciences*, 1915–18.

At Wesleyan University C. L. STEARNS has been appointed instructor in mathematics and assistant in the Van Vleck observatory.

Professor E. G. BILL, on leave of absence from Dartmouth College, has recently been appointed Assistant to Director of Military Service Branch, Department of Justice, Ottawa.

Major WILLIAM D. MACMILLAN has received his discharge from the Ordnance Department and has resumed his duties as associate professor of astronomy at the University of Chicago.

Professor W. R. LONGLEY, of Yale University, has been on leave of absence, engaged in the ballistic division of the Dupont Company in Delaware.

Professor M. J. GOLDEN, emeritus professor of practical mechanics in Purdue University, and, since 1884, a member of the faculty, died on December 18, aged fifty-eight years.

To the list (published in this MONTHLY last September) of those who received the Doctorate in Mathematics in American universities, should be added the name of C. P. PAINE, Wisconsin. The title of his thesis was: "Modes of air motion and the equations of the general circulation of the earth's atmosphere."

Professor E. J. OGLESBY, after having served as instructor in gunnery, orientation and matériel at the Coast Artillery Training Camp, Fort Monroe, Va., with the rank of captain, resumed on January first the chair of mathematics at William and Mary College.

New instructors in mathematics at Northwestern University this year are Miss JESSICA M. YOUNG, Mr. T. DOLL, Dr. M. G. SMITH, and Mr. P. E. HEMKE. During the fall term five new assistants were also teaching mathematics. During last year Professor C. H. YEATON, Dr. C. E. WILDER, Mr. A. D. CAMPBELL and Mr. I. ROMAN left the department for military service.

At the University of Illinois, Assistant Professor J. E. MCATEE, of the mathematics department, died of pneumonia, following an attack of influenza, on December 1. His place has been filled by the appointment of Dr. F. W. REED, formerly connected with the astronomy department, and more recently with the instruction in the ground aviation school at the University. Mr. JOSEPH ROSENBACH, assistant and graduate student in mathematics, is just recovering from a severe attack of pneumonia and will be absent on sick leave until April 1.

Professor WARREN WEAVER, of Throop College of Technology, has been promoted to second lieutenant in the air service; he was recently engaged in experimental research work in the Science and Research Division.

From *Science* we learn that the departments of descriptive geometry and mechanical drawing and of mechanism and machine design at Stevens Institute of Technology have been combined to form a new department of machine design, of which FRANKLIN DER. FURMAN is professor and head. LEWIS E. ARMSTRONG, instructor at the Institute has been promoted to be an assistant professor of mathematics.

At the University of Chicago, the Students Army Training Corps, together with the Naval Unit and the Naval Auxiliary special students from the Municipal pier, numbered about two thousand. The surveying classes included about 350 students and there were about 600 students in navigation and trigonometry classes.

During November and December Professor J. W. YOUNG was on leave of absence from Dartmouth College, while serving as director of instruction in mathematics for the National War Work Council of the Young Men's Christian Associations of the United States. Professor F. M. MORGAN administered the affairs of the department of mathematics during his absence.

Professor PAUL HEEGAARD, of the University of Copenhagen has been appointed professor of mathematics at the University of Christiania on the understanding that he should lecture on geometry. His inaugural address, delivered in January, 1918, was entitled "Topics in the history of geometry."

Last autumn Professors E. H. MOORE, W. B. FITE, R. C. ARCHIBALD, H. G. KEPPEL and W. A. MANNING were appointed by the National War Work Council of the Young Men's Christian Association as a national committee to make a survey of the mathematical instruction given under the auspices of the Y. M. C. A. at the various Naval Stations, representing respectively the Central, Eastern, Northeastern, Southeastern and Western Departments. The object of this committee, working under the chairmanship of Professor G. A. MILLER, was to report on mathematical instruction given at these stations and to make suggestions tending to improving the instruction. As one result of reports thus made, a series of text-books in elementary mathematics is being prepared.

Commissions as second lieutenants were given to the following university teachers of mathematics, at Camp Zachary Taylor in November: Mr. R. W. BARNARD and Professor T. H. HILDEBRANDT, Michigan; Dr. L. R. FORD, Harvard; Mr. J. D. ESHLEMAN, Rochester; Dr. T. R. HOLLCROFT, Columbia; Dr. C. E. WILDER, Northwestern; Mr. H. E. WOLFE, Indiana.

Mr. Frank E. WOOD, of the meteorological section, Division of Science and Research, Signal Corps, and former professor of mathematics at the University of New Mexico, has been in charge of a group of computers engaged in the study of meteorological questions in the theory of exterior ballistics at the Aberdeen Proving Ground.

Two meetings of an Inter-Allied Scientific Conference have been held to consider international coöperation in science. The first meeting was in London under the auspices of the Royal Society, the second in Paris under the auspices of the Academy of Sciences of the Institute of France. The American delegates were: Dr. H. A. BUMSTEAD, Colonel J. J. CARTY, Professor W. F. DURAND, Dr. SIMON FLEXNER, Dr. GEORGE E. HALE, and Professor A. A. NOYES.

At Brown University the following appointments were made for the year 1918–19: Dr. A. B. FRIZELL as lecturer in mathematics, and Mr. T. A. CORNELL and Mr. W. R. BURWELL as instructors in mathematics.   Mr. C. R. ADAMS, who was also an instructor for the first term, has been awarded the Grand Army Fellowship and is continuing graduate work in mathematics.

Professor K. O. E. LAMPE, of the Technische Hochschule, Berlin, died September 4, 1918, in his seventy-eighth year.   He was appointed to the Hochschule staff in 1889 after twenty-four years of experience as teacher in Berlin secondary schools.   He was an editor of *Jahrbuch über die Fortschritte der Mathematik* since 1885, and of *Archiv der Mathematik und Physik*, since 1900.

The list of mathematicians who spent the autumn working in coöperation with Captain VEBLEN at the Aberdeen Proving Grounds, on problems in ballistics, includes the following: Professor H. F. BLICHFELDT, Stanford University; Professor G. A. BLISS, University of Chicago; Professor W. C. GRAUSTEIN, Rice Institute; Dr. T. H. GRONWALL; Professors C. N. HASKINS and C. R. DINES, Dartmouth College; Professor H. H. MITCHELL, University of Pennsylvania; and Professor W. H. ROEVER, Washington University. Professors BLISS, HASKINS, and ROEVER have returned to their university work.

On account of conditions arising out of the war there will be no meeting of the American Mathematical Society in February this year.

This year for the first time in over twenty years Professor F. N. COLE, of Columbia University, secretary of the American Mathematical Society, took a vacation at Christmas time and did not perform the duties of secretary at the annual meeting of the Society.

At the meeting of the American Association of University Professors, held in Baltimore, December 27 and 28, Dr. A. O. LOVEJOY, professor of philosophy in the Johns Hopkins University, was elected president.

H. Y. BENEDICT, professor of mathematics, and dean of the College of Arts and Sciences at the University of Texas since 1911, was the compiler of the eight hundred and fifty page *Source Book relating to the History of the University of Texas: legislative, legal, bibliographical, statistical,* published in 1918 by the university, as Bulletin 1757.

Captain A. A. BENNETT, of the University of Texas, First Lieutenant T. BUCK, of the University of California, and First Lieutenant W. E. MILNE, of Bowdoin College, have finished their work with Major F. R. MOULTON in the Ordnance Department at Washington, D. C., and have again taken up academic occupations.   Major Moulton expects to return to the University of Chicago in April.

At the regular meeting of the American Mathematical Society held at Chicago on Friday and Saturday, December 27 and 28, 1918, about eighty persons attended, including sixty members. On Friday afternoon President L. E. DICKSON delivered his retiring address on "Mathematics in War Perspective." Following this address there was a joint session with The Mathematical Association of America, which is to be reported fully in the next issue of this MONTHLY. During the Saturday sessions twenty-six papers were presented, the titles and abstracts of which will be found in the *Bulletin of the American Mathematical Society*. At a business meeting there was an election of officers, resulting as follows: President, Professor FRANK MORLEY; Vice-Presidents, Professors G. D. BIRKHOFF and FLORIAN CAJORI; Secretary, Professor F. N. COLE; Treasurer, Professor J. H. TANNER; Librarian, Professor D. E. SMITH; Committee of Publication, Professors F. N. COLE, VIRGIL SNYDER and J. W. YOUNG; Members of the Council, Professors H. E. HAWKES, W. A. HURWITZ, A. C. LUNN, and C. N. MOORE. At a meeting of the Council of the Society it was decided to postpone the Colloquium proposed for 1919 at Chicago until 1920. Further, it was voted that the incoming president be requested to appoint a committee of three to report to the Council at the April meeting on "steps which should be taken to organize or promote the publication, in America or elsewhere, of an adequate and comprehensive survey of the current mathematical literature of the world." The following committee was later appointed: Professors F. W. BROWN, G. A. MILLER, and R. C. ARCHIBALD (chairman).

P. PIAZETTI, professor of geodesy and celestial mechanics at the University of Pisa, died April 14, 1918, aged 58 years.

T. BONNESEN has been appointed professor of descriptive geometry at the Ecole Polytechnique, Copenhagen.

S. I. LATTÈS, for some time maître de conference at the University of Montpellier, but latterly a member of the faculty of sciences of the University of Toulouse, died July 5, 1918, aged 45 years. He received his doctorate from the University of Paris in 1906, and his thesis, *Sur les équations fonctionnelles qui définissent une courbe ou une surface invariante par une transformation*, occupies 137 pages of *Annali di matematica*, volume 13, series 3.